

CLAIMS

1. In a distributed network having a number of server computers and associated client devices, method of creating an anti-computer virus agent, comprising:
 - parsing a selected computer virus; and
 - based upon the parsing,
 - modifying the parsed virus to repair those client devices infected by the selected virus.
2. A method as recited in claim 1, wherein the virus is formed of a detection module, an infection module, and a viral code payload module.
3. A method as recited in claim 2, wherein the detection module identifies a selected one of the client devices as a target client device.
4. A method as recited in claim 3, wherein the infection module causes the virus to infect those target client devices not infected by the selected virus.
5. A method as recited in claim 4, wherein the viral code payload module includes viral code that infects the targeted client device.
6. A method as recited in claim 5, wherein the modifying comprises:
 - modifying the infection module to infect those computers already infected by the selected virus.

7. A method as recited in claim 6, wherein the modifying comprises:
 - incorporating inoculation viral code in the payload module that acts to prevent further infection by the selected virus.
8. A method as recited in claim 7, wherein the modifying further comprises:
 - incorporating repair viral code in the payload module that acts to repair any damage in the infected client device caused by the selected virus.
9. A method as recited in claim 8, comprising:
 - forming the anti-viral agent by combining the detection module, the modified infection module and the modified viral payload module.
10. In a distributed network having a number of server computers and associated client devices, computer program product for creating an anti-computer virus agent, comprising:
 - computer code for parsing a selected computer virus; and
 - computer code for modifying the parsed virus to repair those client devices infected by the selected virus based on the parsing.
11. Computer program product as recited in claim 10, wherein the virus is formed of a detection module, an infection module, and a viral code payload module.
12. Computer program product as recited in claim 11, comprising:
 - computer code for identifying a selected one of the client devices as a target client device.

13. Computer program product as recited in claim 12, wherein the infection module causes the virus to infect those target client devices not infected by the selected virus.
14. Computer program product as recited in claim 13, wherein the viral code payload module includes viral code that infects the targeted client device.
15. Computer program product recited in claim 14, wherein the modifying comprises:
computer code for modifying the infection module to infect those computers already infected by the selected virus.
16. Computer program product as recited in claim 15, wherein the modifying comprises:
computer code for incorporating inoculation viral code in the payload module that acts to prevent further infection by the selected virus.
17. Computer program product as recited in claim 16, wherein the modifying further comprises:
computer code for incorporating repair viral code in the payload module that acts to repair any damage in the infected client device caused by the selected virus.
18. Computer program product as recited in claim 17, comprising:
computer code for forming the anti-viral agent by combining the detection module, the modified infection module and the modified viral payload module.